

Converting Colors

$Yxy(65.1366, 0.3567, 0.4117)$

Have a look what the booklet for
Yxy(65.1366, 0.3567, 0.4117)
contains.

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Color

Yxy(64.8887, 0.3566, 0.4108)

Conversions

Conversions Part 1

Format	Color
Hex	D2D892
RGB	210, 216, 146
RGB Percent	82%, 85%, 57%
CMY	0.1764, 0.1529, 0.4275
CMYK	0.03, 0.00, 0.32, 0.15
HSL	65°, 47%, 71%
HSV	65°, 32%, 85%
XYZ	56.3274, 64.8887, 36.7408
YIQ	206.2260, 18.8940, -23.0420

Conversions

Conversions Part 2

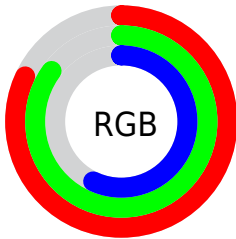
Format	Color
RYB	146, 216, 152
Decimal	13818002
CIELab	84.43, -12.89, 33.91
CIElCh	84, 36.278, 110.813
Yxy	64.8887, 0.3566, 0.4108
Android (android.graphics.Color)	4292008082 (0xFFD2D892)
YUV	206.2260, -29.6914, 3.3098
Hunter-Lab	80.5535, -16.1517, 29.3451

Details

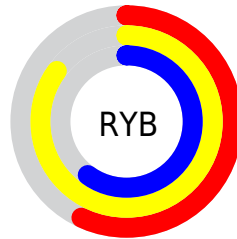
The Yxy color **64.8887, 0.3566, 0.4108** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **32.1795, 0.2598, 0.2347**, and the grayscale version is **62.0617, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9970, 0.3448, 0.3820**, and **33.2845, 0.3661, 0.4302** is the 20% darker color. If you saturate the color by 10%, you get **64.0130, 0.3693, 0.4355**, and if you desaturate by 10%, it is **65.9003, 0.3431, 0.3852**.

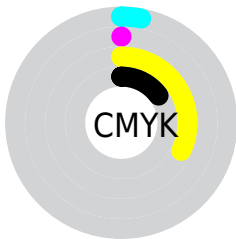
Distribution



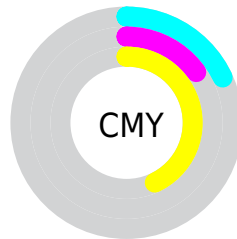
- Red (82%)
- Green (85%)
- Blue (57%)



- Red (57%)
- Yellow (85%)
- Blue (60%)



- Cyan (3%)
- Magenta (0%)
- Yellow (32%)
- Black (15%)




- Cyan (18%)
- Magenta (15%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.8887, 0.3566, 0.4108 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 64.8887, 0.3566, 0.4108 by changing the saturation by 10% instead.


 64.8887, 0.3566,
0.4108


 64.8887, 0.3566,
0.4108


442.3919, 0.3368,
0.3715

 47.3708, 0.3609,
0.4200


 111.8898, 0.3499,
0.3970

 33.3289, 0.3660,
0.4314

 142.1419, 0.3472,
0.3916

 22.3785, 0.3722,
0.4460


177.4075, 0.3449,
0.3871

 14.1353, 0.3796,
0.4650

218.0709, 0.3429,
0.3831

 8.2148, 0.3882,
0.4906

264.5167, 0.3411,
0.3797

 4.2327, 0.3993,
0.5290


317.1292, 0.3395,


 1.8046, 0.4107,

0.3766

0.5893


376.2928, 0.3380,
0.3740


 0.4900, 0.2357,
0.7643


 0.0000, 0.0000,
0.0000

 64.8887, 0.3566,
0.4108


 64.8887, 0.3566,
0.4108


 64.0130, 0.3693,
0.4355


 65.9003, 0.3431,
0.3852

 63.2574, 0.3807,
0.4583

 67.0457, 0.3294,
0.3597

 62.6168, 0.3902,
0.4783

 68.3339, 0.3159,
0.3348

 62.0823, 0.3974,
0.4945

 69.7708, 0.3029,
0.3112

61.6439, 0.4020,
0.5064

71.3619, 0.2906,
0.2891

61.2893, 0.4041,
0.5138

71.7150, 0.2912,
0.2883

61.0607, 0.4043,
0.5172

72.0058, 0.2924,
0.2884

72.2997, 0.2937,
0.2885

72.5968, 0.2949,
0.2887

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



64.8887, 0.3906, 0.3949



64.8887, 0.3566, 0.4108



64.8887, 0.3123, 0.4019

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



64.8887, 0.3566, 0.4108



64.8887, 0.2295, 0.2843



64.8887, 0.3540, 0.2934

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



64.8887, 0.3566, 0.4108



32.1795, 0.2598, 0.2347

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



64.8887, 0.3079, 0.2682



64.8887, 0.3566, 0.4108



64.8887, 0.2385, 0.2613

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



64.8887, 0.3566, 0.4108



64.8887, 0.2405, 0.3231



64.8887, 0.2661, 0.2564



64.8887, 0.3901, 0.3273

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



64.8887, 0.3566, 0.4108



64.8887, 0.2831, 0.3815



64.8887, 0.2661, 0.2564



64.8887, 0.3390, 0.2838

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



64.8916, 0.3566, 0.4108



98.0552, 0.3263, 0.3538



39.0695, 0.3849, 0.3364



20.9331, 0.3282, 0.3574



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



64.8916, 0.3566, 0.4108



93.5927, 0.3655, 0.4281



60.3173, 0.3293, 0.4186



14.4636, 0.3253, 0.3521



36.1658, 0.4046, 0.5170



2.1975, 0.4073, 0.5148

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



32.1795, 0.2598, 0.2347



38.7415, 0.2460, 0.2110



36.0517, 0.2897, 0.2422



12.0588, 0.2994, 0.3050



3.0325, 0.1530, 0.0616



0.2008, 0.1617, 0.0665

Previews

White Background



This preview shows how the Yxy color 64.8887, 0.3566, 0.4108 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 64.8887, 0.3566, 0.4108 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

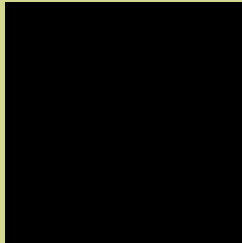
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.8887, 0.3566, 0.4108

Background



This preview shows how black text looks on a background with the Yxy color 64.8887, 0.3566, 0.4108.



This preview shows how white text looks on a background with the Yxy color 64.8887, 0.3566, 0.4108.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

64.8887, 0.3566, 0.4108

Protanopia

64.6008, 0.3746, 0.4028

Deuteranopia

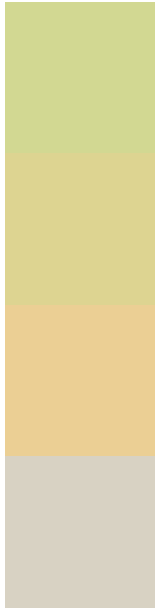
64.7350, 0.3923, 0.3850



Tritanopia

64.6860, 0.3113, 0.3103

Trichromacy



Original Color

64.8887, 0.3566, 0.4108

Protanomaly

64.5035, 0.3674, 0.4053

Deuteranomaly

64.4259, 0.3786, 0.3940

Tritanomaly

64.6322, 0.3278, 0.3461

Monochromacy



Original Color

64.8887, 0.3566, 0.4108

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

62.8193, 0.3287, 0.3596

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.8887, 0.3566, 0.4108 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(210, 216, 146)` looks like.

```
.text, #text, p{  
  color:rgb(210, 216, 146)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(210, 216, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 216, 146) }
```

Border

The CSS property to change the border of an element to Yxy 64.8887, 0.3566, 0.4108 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(210, 216, 146) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(210, 216, 146) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(210, 216, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 216, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 216, 146);  
box-shadow:4px 4px 4px 4px rgb(210, 216,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 64.8887, 0.3566, 0.4108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 216, 146) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(210,  
216, 146) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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